

03/15/02

JC950 U.S. PTO

Please type a plus sign (+) inside this box → ☐PTO/SB/05 (03/01)  
Approved for use through 10/31/2002. OMB 0651-0032U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 99-102/1D

First Inventor Wilbur G. Catabay

Title LOW K DIELECTRIC COMPOSITE LAYER  
FOR INTEGRATED CIRCUIT STRUCTURE...

Express Mail Label No. ET662218667US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 2]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Associate Attorney  
(when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (In duplicate)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No. 09 / 426,056

Prior application information

Examiner Lisa Kilday

Group Art Unit

2813

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

Name

24319

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

John P. Taylor

Registration No. (Attorney/Agent)

22,369

Signature

John P. Taylor

Date

March 15, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 824.00)**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | Unknown           |
| Filing Date          | Herewith          |
| First Named Inventor | Wilbur G. Catabay |
| Examiner Name        | Lisa Kilday       |
| Group Art Unit       | 2813              |
| Attorney Docket No.  | 99-102/1D         |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account.Deposit Account Number  
Deposit Account Name

12-2252

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity  | Small Entity  | Fee Description        | Fee Paid |
|---------------|---------------|------------------------|----------|
| Fee Code (\$) | Fee Code (\$) |                        |          |
| 101 740       | 201 370       | Utility filing fee     | 740      |
| 106 330       | 206 165       | Design filing fee      |          |
| 107 510       | 207 255       | Plant filing fee       |          |
| 108 740       | 208 370       | Reissue filing fee     |          |
| 114 160       | 214 80        | Provisional filing fee |          |

**SUBTOTAL (1)** (\$ 740)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | 20** = 0     | 18             | 0        |
| Multiple Dependent | 3** = 1      | 84             | 84       |
|                    |              | 280            | 0        |

| Large Entity  | Small Entity  | Fee Description                                            |
|---------------|---------------|------------------------------------------------------------|
| Fee Code (\$) | Fee Code (\$) |                                                            |
| 103 18        | 203 9         | Claims in excess of 20                                     |
| 102 84        | 202 42        | Independent claims in excess of 3                          |
| 104 280       | 204 140       | Multiple dependent claim, if not paid                      |
| 109 84        | 209 42        | ** Reissue independent claims over original patent         |
| 110 18        | 210 9         | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$ 84)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description                                                            | Fee Paid |
|---------------|---------------|----------------------------------------------------------------------------|----------|
| 105 130       | 205 65        | Surcharge - late filing fee or oath                                        |          |
| 127 50        | 227 25        | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130       | 139 130       | Non-English specification                                                  |          |
| 147 2,520     | 147 2,520     | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112 920*      | 112 920*      | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*    | 113 1,840*    | Requesting publication of SIR after Examiner action                        |          |
| 115 110       | 215 55        | Extension for reply within first month                                     |          |
| 116 400       | 216 200       | Extension for reply within second month                                    |          |
| 117 920       | 217 460       | Extension for reply within third month                                     |          |
| 118 1,440     | 218 720       | Extension for reply within fourth month                                    |          |
| 128 1,960     | 228 980       | Extension for reply within fifth month                                     |          |
| 119 320       | 219 160       | Notice of Appeal                                                           |          |
| 120 320       | 220 160       | Filing a brief in support of an appeal                                     |          |
| 121 280       | 221 140       | Request for oral hearing                                                   |          |
| 138 1,510     | 138 1,510     | Petition to institute a public use proceeding                              |          |
| 140 110       | 240 55        | Petition to revive - unavoidable                                           |          |
| 141 1,280     | 241 640       | Petition to revive - unintentional                                         |          |
| 142 1,280     | 242 640       | Utility issue fee (or reissue)                                             |          |
| 143 460       | 243 230       | Design issue fee                                                           |          |
| 144 620       | 244 310       | Plant issue fee                                                            |          |
| 122 130       | 122 130       | Petitions to the Commissioner                                              |          |
| 123 50        | 123 50        | Processing fee under 37 CFR 1.17(q)                                        |          |
| 126 180       | 126 180       | Submission of Information Disclosure Stmt                                  |          |
| 581 40        | 581 40        | Recording each patent assignment per property (times number of properties) |          |
| 146 740       | 246 370       | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 740       | 249 370       | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179 740       | 279 370       | Request for Continued Examination (RCE)                                    |          |
| 169 900       | 169 900       | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 0)**SUBMITTED BY**

|                   |                       |                                  |                |           |                |
|-------------------|-----------------------|----------------------------------|----------------|-----------|----------------|
| Name (Print/Type) | John P. Taylor        | Registration No (Attorney/Agent) | 22,369         | Telephone | (909) 699-7551 |
| Signature         | <i>John P. Taylor</i> | Date                             | March 15, 2002 |           |                |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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Certification Under 37 CFR 1.10

I hereby certify that these documents referred to as enclosed herein are being deposited with the United States Postal Service on this date March 15, 2002 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ET662218667US addressed to: Assistant Commissioner for, Washington, D.C. 20231.

John P. Taylor

Person Mailing Paper

John P. Taylor

Signature of Person Mailing Paper